

## Liverpool John Moores University

Title: PROJECT LIFECYCLE MANAGEMENT  
Status: Definitive  
Code: **6203BEUG** (122342)  
Version Start Date: 01-08-2021

Owning School/Faculty: Civil Engineering and Built Environment  
Teaching School/Faculty: Civil Engineering and Built Environment

| Team       | Leader |
|------------|--------|
| Sian Dunne | Y      |
| Mal Ashall |        |

**Academic Level:** FHEQ6      **Credit Value:** 20      **Total Delivered Hours:** 42  
**Total Learning Hours:** 200      **Private Study:** 158

### Delivery Options

Course typically offered: Runs Twice - S1 & S2

| Component | Contact Hours |
|-----------|---------------|
| Lecture   | 30            |
| Workshop  | 10            |

**Grading Basis:** 40 %

### Assessment Details

| Category  | Short Description | Description    | Weighting (%) | Exam Duration |
|-----------|-------------------|----------------|---------------|---------------|
| Portfolio | AS1               | Scenario Based | 50            |               |
| Exam      | AS2               | Closed Book    | 50            | 2             |

### Aims

*To understand the whole life cycle of building projects beyond design and construction to consider operation, use and maintenance.*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Critically evaluate building projects from a whole life cycle perspective
- 2 Critically analyse facilities management concepts and theories, being able to apply to practical scenarios
- 3 Develop a methodology for planning and organising maintenance activities

### **Learning Outcomes of Assessments**

The assessment item list is assessed via the learning outcomes listed:

|           |   |   |   |
|-----------|---|---|---|
| PORTFOLIO | 1 | 2 | 3 |
| EXAM      | 1 | 2 | 3 |

### **Outline Syllabus**

*Sustainable Project Management – Project Lifecycle, Design Management, WLCC, Soft Landings*

*Post Construction Processes – Project Completion, Possession, Handover, Commissioning, Post Project Review, Snagging, Defects, Defects Liability, Latent Defects, Making Good.*

*Operation & Facilities Management – BIM, COBie, Occupancy, POE, Hard/Soft FM Maintenance – Planning and Scheduling, PPM*

### **Learning Activities**

Lectures are used in order to identify and explain key concepts and theories and provide detailed information on particular subject areas within the module. They help to stimulate the student's interest in the subject area. Lectures may also include guest industry speakers to add industry context to the material.

Workshops are used to engage students in more intensive discussion and activity on particular subject areas within the module. This helps shape the student's own understanding and place the lecture material in context.

### **Notes**

Provides students with knowledge of the whole life cycle of building projects beyond design and construction to consider operation, use and maintenance.